

Table ENG-4. - Building Site Development

Hanover County, Virginia

The information in this table indicates the dominant soil condition, but does not eliminate the need for onsite investigation. The numbers in the value column range from 0.01 to 1.00. The larger the value, the greater the potential limitation. Limiting features in this report are limited to the top 5 limitations. Additional limitations may exist.

Map Symbol and Soil Name	Pct of Map Unit	Local Roads and Streets		Shallow Excavations		Lawns and Landscaping	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
1B:							
Abell	85	Very limited Low strength Shrink-swell	1.00 0.50	Somewhat limited Depth to saturated zone Cutbanks cave Too clayey	0.99 0.10 0.01	Not limited	
Appling	2	Not Rated		Not Rated		Not Rated	
Cecil	2	Not Rated		Not Rated		Not Rated	
Chewacla	2	Not Rated		Not Rated		Not Rated	
Colfax	2	Not Rated		Not Rated		Not Rated	
Fluvaquents	1	Not Rated		Not Rated		Not Rated	
Helena	1	Not Rated		Not Rated		Not Rated	
Pacolet	1	Not Rated		Not Rated		Not Rated	
Pamunkey variant	1	Not Rated		Not Rated		Not Rated	
Vance	1	Not Rated		Not Rated		Not Rated	
Wedowee	1	Not Rated		Not Rated		Not Rated	
Worsham	1	Not Rated		Not Rated		Not Rated	
2:							
Altavista	85	Very limited Flooding Depth to saturated zone	1.00 0.19	Very limited Cutbanks cave Depth to saturated zone Flooding	1.00 1.00 0.60	Somewhat limited Flooding Depth to saturated zone	
Aquults	2	Not Rated		Not Rated		Not Rated	
Bolling variant	2	Not Rated		Not Rated		Not Rated	
Fluvaquents	2	Not Rated		Not Rated		Not Rated	
Forestdale	2	Not Rated		Not Rated		Not Rated	
Fork	2	Not Rated		Not Rated		Not Rated	
Iredell	2	Not Rated		Not Rated		Not Rated	

Table ENG-4. - Building Site Development - Continued

Hanover County, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Local Roads and Streets		Shallow Excavations		Lawns and Landscaping	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
2:							
Myatt variant	2	Not Rated		Not Rated		Not Rated	
Worsham	1	Not Rated		Not Rated		Not Rated	
3B:							
Appling	85	Very limited Low strength	1.00	Somewhat limited Too clayey Cutbanks cave	0.28 0.10	Not limited	
Abell	2	Not Rated		Not Rated		Not Rated	
Bourne	2	Not Rated		Not Rated		Not Rated	
Colfax	2	Not Rated		Not Rated		Not Rated	
Fluvaquents	2	Not Rated		Not Rated		Not Rated	
Norfolk	2	Not Rated		Not Rated		Not Rated	
Helena	1	Not Rated		Not Rated		Not Rated	
Spotsylvania	1	Not Rated		Not Rated		Not Rated	
Vance	1	Not Rated		Not Rated		Not Rated	
Varina	1	Not Rated		Not Rated		Not Rated	
Worsham	1	Not Rated		Not Rated		Not Rated	
3C2:							
Appling	90	Very limited Low strength Slope	1.00 0.37	Somewhat limited Slope Too clayey Cutbanks cave	0.37 0.28 0.10	Somewhat limited Slope	0.37
Abell	2	Not Rated		Not Rated		Not Rated	
Ashlar	2	Not Rated		Not Rated		Not Rated	
Bourne	2	Not Rated		Not Rated		Not Rated	
Fluvaquents	1	Not Rated		Not Rated		Not Rated	
Vance	1	Not Rated		Not Rated		Not Rated	
Varina	1	Not Rated		Not Rated		Not Rated	
Worsham	1	Not Rated		Not Rated		Not Rated	

4B:

Table ENG-4. - Building Site Development - Continued

Hanover County, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Local Roads and Streets		Shallow Excavations		Lawns and Landscaping	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
4B:							
Appling	90	Very limited Low strength	1.00	Somewhat limited Too clayey Cutbanks cave	0.28 0.10	Somewhat limited Gravel content	0.08
Bourne	3	Not Rated		Not Rated		Not Rated	
Spotsylvania	3	Not Rated		Not Rated		Not Rated	
Abell	2	Not Rated		Not Rated		Not Rated	
Edgehill variant	2	Not Rated		Not Rated		Not Rated	
4C:							
Appling	90	Very limited Low strength Slope	1.00 0.37	Somewhat limited Slope Too clayey Cutbanks cave	0.37 0.28 0.10	Somewhat limited Slope Gravel content	0.37 0.08
Abell	2	Not Rated		Not Rated		Not Rated	
Bourne	2	Not Rated		Not Rated		Not Rated	
Edgehill variant	2	Not Rated		Not Rated		Not Rated	
Fluvaquents	2	Not Rated		Not Rated		Not Rated	
Spotsylvania	2	Not Rated		Not Rated		Not Rated	
5C:							
Appling	35	Very limited Low strength Slope	1.00 0.16	Somewhat limited Too clayey Slope Cutbanks cave	0.28 0.16 0.10	Somewhat limited Slope	0.16
Ashlar	30	Somewhat limited Depth to hard bedrock Slope	0.46 0.16	Very limited Depth to hard bedrock Cutbanks cave Depth to saturated zone	1.00 1.00 0.18	Somewhat limited Depth to bedrock Droughty Slope	0.46 0.45 0.16
Edgehill variant	15	Not Rated		Not Rated		Not Rated	
Rock Outcrop	10	Not Rated		Not Rated		Not Rated	
Vance	10	Not Rated		Not Rated		Not Rated	
6:							

Table ENG-4. - Building Site Development - Continued

Hanover County, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Local Roads and Streets		Shallow Excavations		Lawns and Landscaping	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
6:							
Aquults	90	Very limited		Very limited		Not Rated	
		Depth to saturated zone	1.00	Depth to saturated zone	1.00		
		Low strength	1.00	Too clayey	0.28		
		Shrink-swell	0.50	Cutbanks cave	0.10		
Colfax	3	Not Rated		Not Rated		Not Rated	
Coxville	3	Not Rated		Not Rated		Not Rated	
Helena	2	Not Rated		Not Rated		Not Rated	
Worsham	2	Not Rated		Not Rated		Not Rated	
7:							
Atlee	90	Somewhat limited		Very limited		Somewhat limited	
		Depth to thick cemented pan	0.71	Depth to thick cemented pan	1.00	Depth to cemented pan	0.71
		Depth to saturated zone	0.19	Depth to saturated zone	1.00	Depth to saturated zone	0.19
				Cutbanks cave	0.10		
Bourne	2	Not Rated		Not Rated		Not Rated	
Coxville	2	Not Rated		Not Rated		Not Rated	
Dunbar	2	Not Rated		Not Rated		Not Rated	
Faceville	2	Not Rated		Not Rated		Not Rated	
Norfolk	1	Not Rated		Not Rated		Not Rated	
Orangeburg	1	Not Rated		Not Rated		Not Rated	
8:							
Augusta	85	Very limited		Very limited		Somewhat limited	
		Flooding	1.00	Depth to saturated zone	1.00	Depth to saturated zone	0.75
		Low strength	0.78				
		Depth to saturated zone	0.75	Cutbanks cave	1.00	Flooding	0.60
				Flooding	0.60		
Altavista	2	Not Rated		Not Rated		Not Rated	
Duplin	2	Not Rated		Not Rated		Not Rated	
Goldsboro	2	Not Rated		Not Rated		Not Rated	
Kenansville variant	2	Not Rated		Not Rated		Not Rated	
Myatt variant	2	Not Rated		Not Rated		Not Rated	

Table ENG-4. - Building Site Development - Continued

Hanover County, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Local Roads and Streets		Shallow Excavations		Lawns and Landscaping	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
8:							
Rains	2	Not Rated		Not Rated		Not Rated	
Bourne	1	Not Rated		Not Rated		Not Rated	
Coxville	1	Not Rated		Not Rated		Not Rated	
Fluvaquents	1	Not Rated		Not Rated		Not Rated	
9:							
Bolling variant	85	Not limited		Very limited		Somewhat limited	
				Cutbanks cave	1.00	Droughty	0.54
				Depth to saturated zone	1.00	Gravel content	0.44
Augusta	8	Not Rated		Not Rated		Not Rated	
Altavista	7	Not Rated		Not Rated		Not Rated	
10B:							
Bourne	80	Somewhat limited		Very limited		Somewhat limited	
		Depth to thick cemented pan	0.90	Depth to thick cemented pan	1.00	Depth to cemented pan	0.90
		Depth to saturated zone	0.22	Depth to saturated zone	1.00	Droughty	0.27
				Depth to dense layer	0.50	Depth to saturated zone	0.22
Atlee	2	Not Rated		Not Rated		Not Rated	
Dogue	2	Not Rated		Not Rated		Not Rated	
Abell	1	Not Rated		Not Rated		Not Rated	
Augusta	1	Not Rated		Not Rated		Not Rated	
Caroline	1	Not Rated		Not Rated		Not Rated	
Colfax	1	Not Rated		Not Rated		Not Rated	
Coxville	1	Not Rated		Not Rated		Not Rated	
Creedmoor	1	Not Rated		Not Rated		Not Rated	
Dunbar	1	Not Rated		Not Rated		Not Rated	
Duplin	1	Not Rated		Not Rated		Not Rated	
Goldsboro	1	Not Rated		Not Rated		Not Rated	
Mayodan	1	Not Rated		Not Rated		Not Rated	
Norfolk	1	Not Rated		Not Rated		Not Rated	

Table ENG-4. - Building Site Development - Continued

Hanover County, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Local Roads and Streets		Shallow Excavations		Lawns and Landscaping	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
10B:							
Pamunkey	1	Not Rated		Not Rated		Not Rated	
Spotsylvania	1	Not Rated		Not Rated		Not Rated	
Suffolk	1	Not Rated		Not Rated		Not Rated	
Varina	1	Not Rated		Not Rated		Not Rated	
10C:							
Bourne	85	Somewhat limited		Very limited		Somewhat limited	
		Depth to thick cemented pan	0.90	Depth to thick cemented pan	1.00	Depth to cemented pan	0.90
		Slope	0.37	Depth to saturated zone	1.00	Slope	0.37
		Depth to saturated zone	0.22	Depth to dense layer	0.50	Droughty	0.27
Abell	2	Not Rated		Not Rated		Not Rated	
Dunbar	2	Not Rated		Not Rated		Not Rated	
Fluvaquents	2	Not Rated		Not Rated		Not Rated	
Kempsville	2	Not Rated		Not Rated		Not Rated	
Norfolk	2	Not Rated		Not Rated		Not Rated	
Spotsylvania	2	Not Rated		Not Rated		Not Rated	
Suffolk	2	Not Rated		Not Rated		Not Rated	
Varina	1	Not Rated		Not Rated		Not Rated	
11B:							
Bourne	40	Somewhat limited		Very limited		Somewhat limited	
		Depth to thick cemented pan	0.90	Depth to thick cemented pan	1.00	Depth to cemented pan	0.90
		Depth to saturated zone	0.22	Depth to saturated zone	1.00	Droughty	0.27
				Depth to dense layer	0.50	Depth to saturated zone	0.22
Varina	35	Not limited		Very limited		Somewhat limited	
				Cutbanks cave	1.00	Gravel content	0.44
				Depth to saturated zone	0.73		
Colfax	3	Not Rated		Not Rated		Not Rated	
Creedmoor	3	Not Rated		Not Rated		Not Rated	
Faceville	3	Not Rated		Not Rated		Not Rated	

Table ENG-4. - Building Site Development - Continued

Hanover County, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Local Roads and Streets		Shallow Excavations		Lawns and Landscaping	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
11B:							
Norfolk	3	Not Rated		Not Rated		Not Rated	
Orangeburg	3	Not Rated		Not Rated		Not Rated	
Spotsylvania	3	Not Rated		Not Rated		Not Rated	
Vance	3	Not Rated		Not Rated		Not Rated	
Appling	2	Not Rated		Not Rated		Not Rated	
Mayodan	2	Not Rated		Not Rated		Not Rated	
11C:							
Bourne	40	Somewhat limited		Very limited		Somewhat limited	
		Depth to thick cemented pan	0.90	Depth to thick cemented pan	1.00	Depth to cemented pan	0.90
		Slope	0.37	Depth to saturated zone	1.00	Slope	0.37
		Depth to saturated zone	0.22	Depth to dense layer	0.50	Droughty	0.27
Varina	35	Somewhat limited		Very limited		Somewhat limited	
		Slope	0.37	Cutbanks cave	1.00	Gravel content	0.44
				Depth to saturated zone	0.73	Slope	0.37
				Slope	0.37		
Appling	4	Not Rated		Not Rated		Not Rated	
Colfax	4	Not Rated		Not Rated		Not Rated	
Fluvaquents	4	Not Rated		Not Rated		Not Rated	
Helena	4	Not Rated		Not Rated		Not Rated	
Pacolet	3	Not Rated		Not Rated		Not Rated	
Wedowee	3	Not Rated		Not Rated		Not Rated	
Worsham	3	Not Rated		Not Rated		Not Rated	
12B:							
Caroline	90	Very limited		Somewhat limited		Not limited	
		Low strength	1.00	Too clayey	0.13		
		Shrink-swell	0.50	Cutbanks cave	0.10		
Atlee	2	Not Rated		Not Rated		Not Rated	
Suffolk	2	Not Rated		Not Rated		Not Rated	
Bourne	1	Not Rated		Not Rated		Not Rated	

Table ENG-4. - Building Site Development - Continued

Hanover County, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Local Roads and Streets		Shallow Excavations		Lawns and Landscaping	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
12B:							
Dogue	1	Not Rated		Not Rated		Not Rated	
Duplin	1	Not Rated		Not Rated		Not Rated	
Goldsboro	1	Not Rated		Not Rated		Not Rated	
Kempsville	1	Not Rated		Not Rated		Not Rated	
Norfolk	1	Not Rated		Not Rated		Not Rated	
12D2:							
Caroline	80	Very limited Slope Low strength Shrink-swell	1.00 1.00 0.50	Very limited Slope Too clayey Cutbanks cave	1.00 0.13 0.10	Very limited Slope	1.00
Faceville	12	Not Rated		Not Rated		Not Rated	
Fluvaquents	8	Not Rated		Not Rated		Not Rated	
13B2:							
Caroline	40	Very limited Low strength Shrink-swell	1.00 0.50	Somewhat limited Too clayey Cutbanks cave	0.13 0.10	Not limited	
Dogue	25	Very limited Low strength Shrink-swell	1.00 0.50	Very limited Depth to saturated zone Cutbanks cave Too clayey	1.00 0.10 0.03	Not limited	
Atlee	6	Not Rated		Not Rated		Not Rated	
Duplin	6	Not Rated		Not Rated		Not Rated	
Faceville	6	Not Rated		Not Rated		Not Rated	
Goldsboro	6	Not Rated		Not Rated		Not Rated	
Norfolk	6	Not Rated		Not Rated		Not Rated	
Suffolk	5	Not Rated		Not Rated		Not Rated	
13C2:							
Caroline	35	Very limited Low strength Shrink-swell Slope	1.00 0.50 0.37	Somewhat limited Slope Too clayey Cutbanks cave	0.37 0.13 0.10	Somewhat limited Slope	0.37

Table ENG-4. - Building Site Development - Continued

Hanover County, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Local Roads and Streets		Shallow Excavations		Lawns and Landscaping	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
13C2:							
Dogue	30	Very limited Low strength Shrink-swell Slope	1.00 0.50 0.37	Very limited Depth to saturated zone Slope Cutbanks cave	1.00 0.37 0.10	Somewhat limited Slope	0.37
Bourne	5	Not Rated		Not Rated		Not Rated	
Faceville	5	Not Rated		Not Rated		Not Rated	
Fluvaquents	5	Not Rated		Not Rated		Not Rated	
Goldsboro	5	Not Rated		Not Rated		Not Rated	
Norfolk	5	Not Rated		Not Rated		Not Rated	
Orangeburg	5	Not Rated		Not Rated		Not Rated	
Suffolk	5	Not Rated		Not Rated		Not Rated	
14B2:							
Cecil	85	Very limited Low strength	1.00	Somewhat limited Too clayey Cutbanks cave	0.72 0.10	Not limited	
Abell	2	Not Rated		Not Rated		Not Rated	
Bourne	2	Not Rated		Not Rated		Not Rated	
Iredell	2	Not Rated		Not Rated		Not Rated	
Orange	2	Not Rated		Not Rated		Not Rated	
Faceville	1	Not Rated		Not Rated		Not Rated	
Fluvanna	1	Not Rated		Not Rated		Not Rated	
Kenansville	1	Not Rated		Not Rated		Not Rated	
Orangeburg	1	Not Rated		Not Rated		Not Rated	
Spotsylvania	1	Not Rated		Not Rated		Not Rated	
Vance	1	Not Rated		Not Rated		Not Rated	
Varina	1	Not Rated		Not Rated		Not Rated	

14C2:

Table ENG-4. - Building Site Development - Continued

Hanover County, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Local Roads and Streets		Shallow Excavations		Lawns and Landscaping	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
14C2:							
Cecil	85	Very limited Low strength Slope	1.00 0.37	Somewhat limited Too clayey Slope Cutbanks cave	0.72 0.37 0.10	Somewhat limited Slope	0.37
Abell	2	Not Rated		Not Rated		Not Rated	
Iredell	2	Not Rated		Not Rated		Not Rated	
Orange	2	Not Rated		Not Rated		Not Rated	
Bourne	1	Not Rated		Not Rated		Not Rated	
Faceville	1	Not Rated		Not Rated		Not Rated	
Fluvanna	1	Not Rated		Not Rated		Not Rated	
Fluvaquents	1	Not Rated		Not Rated		Not Rated	
Orangeburg	1	Not Rated		Not Rated		Not Rated	
Spotsylvania	1	Not Rated		Not Rated		Not Rated	
Vance	1	Not Rated		Not Rated		Not Rated	
Varina	1	Not Rated		Not Rated		Not Rated	
Worsham	1	Not Rated		Not Rated		Not Rated	
15B2:							
Cecil	35	Very limited Low strength	1.00	Somewhat limited Too clayey Cutbanks cave	0.72 0.10	Somewhat limited Gravel content	0.08
Vance	30	Very limited Low strength Shrink-swell	1.00 0.50	Somewhat limited Too clayey Cutbanks cave	0.28 0.10	Somewhat limited Gravel content	0.08
Abell	6	Not Rated		Not Rated		Not Rated	
Faceville	6	Not Rated		Not Rated		Not Rated	
Fluvanna	6	Not Rated		Not Rated		Not Rated	
Spotsylvania	6	Not Rated		Not Rated		Not Rated	
Varina	6	Not Rated		Not Rated		Not Rated	
Wedowee	5	Not Rated		Not Rated		Not Rated	
15C2:							

Table ENG-4. - Building Site Development - Continued

Hanover County, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Local Roads and Streets		Shallow Excavations		Lawns and Landscaping	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
15C2:							
Cecil	35	Very limited		Somewhat limited		Somewhat limited	
		Low strength	1.00	Too clayey	0.72	Slope	0.37
		Slope	0.37	Slope	0.37	Gravel content	0.08
				Cutbanks cave	0.10		
Vance	30	Very limited		Somewhat limited		Somewhat limited	
		Low strength	1.00	Slope	0.37	Slope	0.37
		Shrink-swell	0.50	Too clayey	0.28	Gravel content	0.08
		Slope	0.37	Cutbanks cave	0.10		
Bourne	9	Not Rated		Not Rated		Not Rated	
Fluvanna	9	Not Rated		Not Rated		Not Rated	
Spotsylvania	9	Not Rated		Not Rated		Not Rated	
Varina	8	Not Rated		Not Rated		Not Rated	
15D2:							
Cecil	40	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.00
		Low strength	1.00	Too clayey	0.72	Gravel content	0.08
				Cutbanks cave	0.10		
Vance	35	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.00
		Low strength	1.00	Too clayey	0.28	Gravel content	0.08
		Shrink-swell	0.50	Cutbanks cave	0.10		
Ashlar	9	Not Rated		Not Rated		Not Rated	
Fluvaquents	8	Not Rated		Not Rated		Not Rated	
Varina	8	Not Rated		Not Rated		Not Rated	
16:							
Chewacla	85	Very limited		Very limited		Very limited	
		Flooding	1.00	Depth to saturated	1.00	Flooding	1.00
		Depth to saturated	1.00	zone		Depth to saturated	1.00
		zone		Flooding	0.80	zone	
				Cutbanks cave	0.10		
Abell	2	Not Rated		Not Rated		Not Rated	
Altavista	2	Not Rated		Not Rated		Not Rated	
Augusta	2	Not Rated		Not Rated		Not Rated	
Bolling variant	2	Not Rated		Not Rated		Not Rated	

Table ENG-4. - Building Site Development - Continued

Hanover County, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Local Roads and Streets		Shallow Excavations		Lawns and Landscaping	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
16:							
Fluvaquents	2	Not Rated		Not Rated		Not Rated	
Wehadkee	2	Not Rated		Not Rated		Not Rated	
17B:							
Colfax	85	Somewhat limited		Very limited		Somewhat limited	
		Depth to saturated zone	0.94	Depth to thick cemented pan	1.00	Depth to saturated zone	0.94
		Depth to thick cemented pan	0.90	Depth to saturated zone	1.00	Depth to cemented pan	0.90
				Cutbanks cave	0.10	Droughty	0.04
Abell	2	Not Rated		Not Rated		Not Rated	
Appling	2	Not Rated		Not Rated		Not Rated	
Cecil	2	Not Rated		Not Rated		Not Rated	
Helena	2	Not Rated		Not Rated		Not Rated	
Vance	2	Not Rated		Not Rated		Not Rated	
Fluvaquents	1	Not Rated		Not Rated		Not Rated	
Orange	1	Not Rated		Not Rated		Not Rated	
Spotsylvania	1	Not Rated		Not Rated		Not Rated	
Worsham	1	Not Rated		Not Rated		Not Rated	
17C:							
Colfax	85	Somewhat limited		Very limited		Somewhat limited	
		Depth to saturated zone	0.94	Depth to thick cemented pan	1.00	Depth to saturated zone	0.94
		Depth to thick cemented pan	0.90	Depth to saturated zone	1.00	Depth to cemented pan	0.90
		Slope	0.37	Slope	0.37	Slope	0.37
Appling	3	Not Rated		Not Rated		Not Rated	
Fluvaquents	3	Not Rated		Not Rated		Not Rated	
Helena	3	Not Rated		Not Rated		Not Rated	
Orange	3	Not Rated		Not Rated		Not Rated	
Worsham	3	Not Rated		Not Rated		Not Rated	
18:							

Table ENG-4. - Building Site Development - Continued

Hanover County, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Local Roads and Streets		Shallow Excavations		Lawns and Landscaping	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
18:							
Coxville	85	Very limited		Very limited		Somewhat limited	
		Low strength	1.00	Depth to saturated	1.00	Depth to saturated	0.94
		Depth to saturated zone	0.94	zone		zone	
		Shrink-swell	0.50	Too clayey	0.28		
				Cutbanks cave	0.10		
Atlee	2	Not Rated		Not Rated		Not Rated	
Dunbar	2	Not Rated		Not Rated		Not Rated	
Duplin	2	Not Rated		Not Rated		Not Rated	
Faceville	2	Not Rated		Not Rated		Not Rated	
Fluvaquents	2	Not Rated		Not Rated		Not Rated	
Lenoir	2	Not Rated		Not Rated		Not Rated	
Orangeburg	2	Not Rated		Not Rated		Not Rated	
Rains	1	Not Rated		Not Rated		Not Rated	
19B:							
Creedmoor	85	Very limited		Very limited		Somewhat limited	
		Low strength	1.00	Depth to saturated	1.00	Depth to saturated	0.78
		Depth to saturated zone	0.78	zone		zone	
		Shrink-swell	0.50	Too clayey	0.13		
				Cutbanks cave	0.10		
Bourne	2	Not Rated		Not Rated		Not Rated	
Colfax	2	Not Rated		Not Rated		Not Rated	
Edgehill variant	2	Not Rated		Not Rated		Not Rated	
Mayodan	2	Not Rated		Not Rated		Not Rated	
Norfolk	2	Not Rated		Not Rated		Not Rated	
Pamunkey	2	Not Rated		Not Rated		Not Rated	
Pinkston	2	Not Rated		Not Rated		Not Rated	
Worsham	1	Not Rated		Not Rated		Not Rated	
20B:							
Creedmoor variant	85	Very limited		Very limited		Very limited	
		Shrink-swell	1.00	Depth to saturated	1.00	Depth to saturated	1.00
		Low strength	1.00	zone		zone	
		Depth to saturated zone	1.00	Cutbanks cave	0.10		

Table ENG-4. - Building Site Development - Continued

Hanover County, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Local Roads and Streets		Shallow Excavations		Lawns and Landscaping	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
20B:							
Colfax	4	Not Rated		Not Rated		Not Rated	
Duplin	3	Not Rated		Not Rated		Not Rated	
Mayodan	3	Not Rated		Not Rated		Not Rated	
Suffolk	3	Not Rated		Not Rated		Not Rated	
Worsham	2	Not Rated		Not Rated		Not Rated	
21B2:							
Cullen	85	Very limited		Somewhat limited		Not limited	
		Low strength	1.00	Too clayey	0.50		
		Shrink-swell	0.50	Cutbanks cave	0.10		
Worsham	3	Not Rated		Not Rated		Not Rated	
Abell	2	Not Rated		Not Rated		Not Rated	
Colfax	2	Not Rated		Not Rated		Not Rated	
Helena	2	Not Rated		Not Rated		Not Rated	
Pacolet	2	Not Rated		Not Rated		Not Rated	
Vance	2	Not Rated		Not Rated		Not Rated	
Wedowee	2	Not Rated		Not Rated		Not Rated	
21C2:							
Cullen	85	Very limited		Somewhat limited		Somewhat limited	
		Low strength	1.00	Too clayey	0.50	Slope	0.37
		Shrink-swell	0.50	Slope	0.37		
		Slope	0.37	Cutbanks cave	0.10		
Abell	2	Not Rated		Not Rated		Not Rated	
Colfax	2	Not Rated		Not Rated		Not Rated	
Fluvaquents	2	Not Rated		Not Rated		Not Rated	
Helena	2	Not Rated		Not Rated		Not Rated	
Pacolet	2	Not Rated		Not Rated		Not Rated	
Vance	2	Not Rated		Not Rated		Not Rated	
Varina	1	Not Rated		Not Rated		Not Rated	
Wedowee	1	Not Rated		Not Rated		Not Rated	

Table ENG-4. - Building Site Development - Continued

Hanover County, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Local Roads and Streets		Shallow Excavations		Lawns and Landscaping	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
21C2:							
Worsham	1	Not Rated		Not Rated		Not Rated	
21D2:							
Cullen	85	Very limited Slope Low strength Shrink-swell	1.00 1.00 0.50	Very limited Slope Too clayey Cutbanks cave	1.00 0.50 0.10	Very limited Slope	1.00
Ashlar	3	Not Rated		Not Rated		Not Rated	
Fluvaquents	3	Not Rated		Not Rated		Not Rated	
Pacolet	3	Not Rated		Not Rated		Not Rated	
Vance	3	Not Rated		Not Rated		Not Rated	
Wedowee	3	Not Rated		Not Rated		Not Rated	
22:							
Dawhoo variant	85	Very limited Depth to saturated zone Flooding	1.00 1.00	Very limited Depth to saturated zone Cutbanks cave Flooding	1.00 1.00 0.80	Very limited Flooding Depth to saturated zone Droughty	1.00 1.00 0.02
Forestdale	8	Not Rated		Not Rated		Not Rated	
Wehadkee	7	Not Rated		Not Rated		Not Rated	
23:							
Dogue	85	Very limited Low strength Shrink-swell	1.00 0.50	Very limited Depth to saturated zone Cutbanks cave Too clayey	1.00 0.10 0.03	Not limited	
Abell	2	Not Rated		Not Rated		Not Rated	
Altavista	2	Not Rated		Not Rated		Not Rated	
Atlee	1	Not Rated		Not Rated		Not Rated	
Bourne	1	Not Rated		Not Rated		Not Rated	
Caroline	1	Not Rated		Not Rated		Not Rated	
Colfax	1	Not Rated		Not Rated		Not Rated	
Duplin	1	Not Rated		Not Rated		Not Rated	
Forestdale	1	Not Rated		Not Rated		Not Rated	

Table ENG-4. - Building Site Development - Continued

Hanover County, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Local Roads and Streets		Shallow Excavations		Lawns and Landscaping	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
23:							
Goldsboro	1	Not Rated		Not Rated		Not Rated	
Kempsville	1	Not Rated		Not Rated		Not Rated	
Masada	1	Not Rated		Not Rated		Not Rated	
Norfolk	1	Not Rated		Not Rated		Not Rated	
Wahee	1	Not Rated		Not Rated		Not Rated	
24:							
Dunbar	90	Very limited Low strength Shrink-swell Depth to saturated zone	1.00 0.50 0.48	Very limited Depth to saturated zone Too clayey Cutbanks cave	1.00 0.28 0.10	Somewhat limited Depth to saturated zone	0.48
Atlee	2	Not Rated		Not Rated		Not Rated	
Bourne	2	Not Rated		Not Rated		Not Rated	
Caroline	2	Not Rated		Not Rated		Not Rated	
Coxville	1	Not Rated		Not Rated		Not Rated	
Dogue	1	Not Rated		Not Rated		Not Rated	
Duplin	1	Not Rated		Not Rated		Not Rated	
Norfolk	1	Not Rated		Not Rated		Not Rated	
25A:							
Duplin	90	Very limited Low strength Shrink-swell	1.00 0.50	Very limited Depth to saturated zone Too clayey Cutbanks cave	1.00 0.28 0.10	Not limited	
Orangeburg	2	Not Rated		Not Rated		Not Rated	
Bourne	1	Not Rated		Not Rated		Not Rated	
Coxville	1	Not Rated		Not Rated		Not Rated	
Dunbar	1	Not Rated		Not Rated		Not Rated	
Faceville	1	Not Rated		Not Rated		Not Rated	
Fluvaquents	1	Not Rated		Not Rated		Not Rated	
Goldsboro	1	Not Rated		Not Rated		Not Rated	

Table ENG-4. - Building Site Development - Continued

Hanover County, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Local Roads and Streets		Shallow Excavations		Lawns and Landscaping	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
25A:							
Norfolk	1	Not Rated		Not Rated		Not Rated	
Varina	1	Not Rated		Not Rated		Not Rated	
25B:							
Duplin	90	Very limited Low strength Shrink-swell	1.00 0.50	Very limited Depth to saturated zone Too clayey Cutbanks cave	1.00 0.28 0.10	Not limited	
Bourne	1	Not Rated		Not Rated		Not Rated	
Coxville	1	Not Rated		Not Rated		Not Rated	
Dunbar	1	Not Rated		Not Rated		Not Rated	
Faceville	1	Not Rated		Not Rated		Not Rated	
Fluvaquents	1	Not Rated		Not Rated		Not Rated	
Goldsboro	1	Not Rated		Not Rated		Not Rated	
Norfolk	1	Not Rated		Not Rated		Not Rated	
Orangeburg	1	Not Rated		Not Rated		Not Rated	
Varina	1	Not Rated		Not Rated		Not Rated	
26B:							
Edgehill variant	85	Not limited		Very limited Cutbanks cave	1.00	Very limited Gravel content Droughty	1.00 0.98
Abell	2	Not Rated		Not Rated		Not Rated	
Duplin	2	Not Rated		Not Rated		Not Rated	
Goldsboro	2	Not Rated		Not Rated		Not Rated	
Norfolk	2	Not Rated		Not Rated		Not Rated	
Bourne	1	Not Rated		Not Rated		Not Rated	
Coxville	1	Not Rated		Not Rated		Not Rated	
Creedmoor	1	Not Rated		Not Rated		Not Rated	
Faceville	1	Not Rated		Not Rated		Not Rated	
Orangeburg	1	Not Rated		Not Rated		Not Rated	

Table ENG-4. - Building Site Development - Continued

Hanover County, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Local Roads and Streets		Shallow Excavations		Lawns and Landscaping	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
26B:							
Pinkston	1	Not Rated		Not Rated		Not Rated	
Varina	1	Not Rated		Not Rated		Not Rated	
27B:							
Fluvanna	90	Very limited		Somewhat limited		Not limited	
		Low strength	1.00	Too clayey	0.50		
		Shrink-swell	0.50	Depth to saturated zone	0.18		
				Cutbanks cave	0.10		
Bourne	2	Not Rated		Not Rated		Not Rated	
Colfax	2	Not Rated		Not Rated		Not Rated	
Georgeville	2	Not Rated		Not Rated		Not Rated	
Helena	2	Not Rated		Not Rated		Not Rated	
Iredell	1	Not Rated		Not Rated		Not Rated	
Orange	1	Not Rated		Not Rated		Not Rated	
27C2:							
Fluvanna	90	Very limited		Somewhat limited		Somewhat limited	
		Low strength	1.00	Too clayey	0.50	Slope	0.37
		Shrink-swell	0.50	Slope	0.37		
		Slope	0.37	Depth to saturated zone	0.18		
Colfax	2	Not Rated		Not Rated		Not Rated	
Fluvaquents	2	Not Rated		Not Rated		Not Rated	
Georgeville	2	Not Rated		Not Rated		Not Rated	
Helena	2	Not Rated		Not Rated		Not Rated	
Orange	2	Not Rated		Not Rated		Not Rated	
28:							
Fluvaquents	90	Very limited		Very limited		Very limited	
		Depth to saturated zone	1.00	Depth to saturated zone	1.00	Flooding	1.00
		Flooding	1.00	Cutbanks cave	1.00	Depth to saturated zone	1.00
				Flooding	0.80		
Goldsboro	2	Not Rated		Not Rated		Not Rated	
Udifluvents	2	Not Rated		Not Rated		Not Rated	

Table ENG-4. - Building Site Development - Continued

Hanover County, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Local Roads and Streets		Shallow Excavations		Lawns and Landscaping	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
28:							
Abell	1	Not Rated		Not Rated		Not Rated	
Chewacla	1	Not Rated		Not Rated		Not Rated	
Colfax	1	Not Rated		Not Rated		Not Rated	
Helena	1	Not Rated		Not Rated		Not Rated	
Kenansville variant	1	Not Rated		Not Rated		Not Rated	
29:							
Forestdale	85	Very limited		Very limited		Very limited	
		Depth to saturated zone	1.00	Depth to saturated zone	1.00	Depth to saturated zone	1.00
		Low strength	1.00	Too clayey	0.28		
		Shrink-swell	1.00	Cutbanks cave	0.10		
Worsham	3	Not Rated		Not Rated		Not Rated	
Bourne	2	Not Rated		Not Rated		Not Rated	
Colfax	2	Not Rated		Not Rated		Not Rated	
Dogue	2	Not Rated		Not Rated		Not Rated	
Fluvaquents	2	Not Rated		Not Rated		Not Rated	
Helena	2	Not Rated		Not Rated		Not Rated	
Orange	2	Not Rated		Not Rated		Not Rated	
30:							
Forestdale	85	Very limited		Very limited		Very limited	
		Depth to saturated zone	1.00	Depth to saturated zone	1.00	Flooding	1.00
		Flooding	1.00	Flooding	0.80	Depth to saturated zone	1.00
		Low strength	1.00	Too clayey	0.28		
Abell	2	Not Rated		Not Rated		Not Rated	
Altavista	2	Not Rated		Not Rated		Not Rated	
Bolling variant	2	Not Rated		Not Rated		Not Rated	
Dunbar	2	Not Rated		Not Rated		Not Rated	
Fluvaquents	2	Not Rated		Not Rated		Not Rated	
Iredell	2	Not Rated		Not Rated		Not Rated	
Cullen	1	Not Rated		Not Rated		Not Rated	

Table ENG-4. - Building Site Development - Continued

Hanover County, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Local Roads and Streets		Shallow Excavations		Lawns and Landscaping	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
30:							
Orange	1	Not Rated		Not Rated		Not Rated	
Vance	1	Not Rated		Not Rated		Not Rated	
31:							
Fork	90	Very limited Flooding	1.00	Very limited Depth to saturated zone	1.00	Somewhat limited Depth to saturated zone	0.75
		Depth to saturated zone	0.75	Cutbanks cave Flooding	1.00 0.60	Flooding	0.60
Altavista	2	Not Rated		Not Rated		Not Rated	
Chewacla	2	Not Rated		Not Rated		Not Rated	
Dogue	2	Not Rated		Not Rated		Not Rated	
Fluvaquents	1	Not Rated		Not Rated		Not Rated	
Pamunkey	1	Not Rated		Not Rated		Not Rated	
Wahee	1	Not Rated		Not Rated		Not Rated	
Wehadkee	1	Not Rated		Not Rated		Not Rated	
32B:							
Georgeville	85	Very limited Low strength	1.00	Somewhat limited Too clayey Cutbanks cave	0.50 0.10	Not limited	
Colfax	5	Not Rated		Not Rated		Not Rated	
Fluvanna	5	Not Rated		Not Rated		Not Rated	
Pacolet	5	Not Rated		Not Rated		Not Rated	
32C2:							
Georgeville	85	Very limited Low strength Slope	1.00 0.96	Somewhat limited Slope Too clayey Cutbanks cave	0.96 0.50 0.10	Somewhat limited Slope	
Fluvanna	5	Not Rated		Not Rated		Not Rated	
Fluvaquents	5	Not Rated		Not Rated		Not Rated	
Pacolet	5	Not Rated		Not Rated		Not Rated	
33B:							

Table ENG-4. - Building Site Development - Continued

Hanover County, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Local Roads and Streets		Shallow Excavations		Lawns and Landscaping	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
33B:							
Goldsboro	90	Not limited		Somewhat limited		Not limited	
				Depth to saturated zone	0.95		
				Cutbanks cave	0.10		
Altavista	1	Not Rated		Not Rated		Not Rated	
Augusta	1	Not Rated		Not Rated		Not Rated	
Bourne	1	Not Rated		Not Rated		Not Rated	
Caroline	1	Not Rated		Not Rated		Not Rated	
Dogue	1	Not Rated		Not Rated		Not Rated	
Dunbar	1	Not Rated		Not Rated		Not Rated	
Duplin	1	Not Rated		Not Rated		Not Rated	
Fluvaquents	1	Not Rated		Not Rated		Not Rated	
Kempsville	1	Not Rated		Not Rated		Not Rated	
Norfolk	1	Not Rated		Not Rated		Not Rated	
34B:							
Goldsboro	90	Not limited		Somewhat limited		Not limited	
				Depth to saturated zone	0.95		
				Cutbanks cave	0.10		
Altavista	2	Not Rated		Not Rated		Not Rated	
Augusta	2	Not Rated		Not Rated		Not Rated	
Dogue	2	Not Rated		Not Rated		Not Rated	
Duplin	2	Not Rated		Not Rated		Not Rated	
Fluvaquents	1	Not Rated		Not Rated		Not Rated	
Lenoir	1	Not Rated		Not Rated		Not Rated	
35B:							
Helena	40	Very limited		Very limited		Somewhat limited	
		Low strength	1.00	Depth to saturated zone	1.00	Depth to saturated zone	0.22
		Shrink-swell	1.00				
		Depth to saturated zone	0.22	Too clayey	0.28		
				Cutbanks cave	0.10		

Table ENG-4. - Building Site Development - Continued

Hanover County, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Local Roads and Streets		Shallow Excavations		Lawns and Landscaping	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
35B:							
Colfax	35	Somewhat limited		Very limited		Somewhat limited	
		Depth to saturated zone	0.94	Depth to thick cemented pan	1.00	Depth to saturated zone	0.94
		Depth to thick cemented pan	0.90	Depth to saturated zone	1.00	Depth to cemented pan	0.90
				Cutbanks cave	0.10	Droughty	0.04
Abell	3	Not Rated		Not Rated		Not Rated	
Altavista	3	Not Rated		Not Rated		Not Rated	
Fluvanna	3	Not Rated		Not Rated		Not Rated	
Worsham	3	Not Rated		Not Rated		Not Rated	
Forestdale	2	Not Rated		Not Rated		Not Rated	
Orange	2	Not Rated		Not Rated		Not Rated	
Pacolet	2	Not Rated		Not Rated		Not Rated	
Vance	2	Not Rated		Not Rated		Not Rated	
Appling	1	Not Rated		Not Rated		Not Rated	
Aquults	1	Not Rated		Not Rated		Not Rated	
Fluvaquents	1	Not Rated		Not Rated		Not Rated	
Wahee	1	Not Rated		Not Rated		Not Rated	
Wedowee	1	Not Rated		Not Rated		Not Rated	
36C:							
Helena	40	Very limited		Very limited		Somewhat limited	
		Low strength	1.00	Depth to saturated zone	1.00	Slope	0.37
		Shrink-swell	1.00			Depth to saturated zone	0.22
		Slope	0.37	Slope	0.37		
				Too clayey	0.28		
Orange	35	Very limited		Very limited		Somewhat limited	
		Low strength	1.00	Depth to saturated zone	1.00	Slope	0.37
		Shrink-swell	1.00				
		Slope	0.37	Slope	0.37		
				Too clayey	0.13		
Abell	5	Not Rated		Not Rated		Not Rated	
Colfax	5	Not Rated		Not Rated		Not Rated	
Fluvaquents	5	Not Rated		Not Rated		Not Rated	

Table ENG-4. - Building Site Development - Continued

Hanover County, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Local Roads and Streets		Shallow Excavations		Lawns and Landscaping	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
36C:							
Vance	5	Not Rated		Not Rated		Not Rated	
Worsham	5	Not Rated		Not Rated		Not Rated	
37:							
Hydraquents	95	Very limited		Very limited		Very limited	
		Depth to saturated zone	1.00	Depth to saturated zone	1.00	Depth to saturated zone	1.00
		Flooding	1.00	Flooding	0.60	Too clayey	1.00
		Low strength	1.00	Too clayey	0.50	Sodium content	1.00
Fluvaquents	5	Not Rated		Not Rated		Not Rated	
38C:							
Iredell	40	Very limited		Very limited		Somewhat limited	
		Shrink-swell	1.00	Depth to saturated zone	1.00	Depth to saturated zone	0.78
		Low strength	1.00	Too clayey	0.50	Slope	0.37
		Depth to saturated zone	0.78	Slope	0.37		
Orange	30	Very limited		Very limited		Somewhat limited	
		Low strength	1.00	Depth to saturated zone	1.00	Slope	0.37
		Shrink-swell	1.00	Slope	0.37		
		Slope	0.37	Too clayey	0.13		
Fluvaquents	4	Not Rated		Not Rated		Not Rated	
Helena	4	Not Rated		Not Rated		Not Rated	
Worsham	4	Not Rated		Not Rated		Not Rated	
Abell	3	Not Rated		Not Rated		Not Rated	
Cecil	3	Not Rated		Not Rated		Not Rated	
Colfax	3	Not Rated		Not Rated		Not Rated	
Cullen	3	Not Rated		Not Rated		Not Rated	
Pacolet	3	Not Rated		Not Rated		Not Rated	
Vance	3	Not Rated		Not Rated		Not Rated	
39B:							
Kempsville	85	Not limited		Very limited		Somewhat limited	
				Cutbanks cave	1.00	Gravel content	0.32
				Depth to saturated zone	0.18		
Bourne	2	Not Rated		Not Rated		Not Rated	

Table ENG-4. - Building Site Development - Continued

Hanover County, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Local Roads and Streets		Shallow Excavations		Lawns and Landscaping	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
39B:							
Faceville	2	Not Rated		Not Rated		Not Rated	
Kenansville	2	Not Rated		Not Rated		Not Rated	
Orangeburg	2	Not Rated		Not Rated		Not Rated	
Suffolk	2	Not Rated		Not Rated		Not Rated	
Caroline	1	Not Rated		Not Rated		Not Rated	
Dogue	1	Not Rated		Not Rated		Not Rated	
Duplin	1	Not Rated		Not Rated		Not Rated	
Goldsboro	1	Not Rated		Not Rated		Not Rated	
Norfolk	1	Not Rated		Not Rated		Not Rated	
39C:							
Kempsville	90	Somewhat limited Slope	0.37	Very limited Cutbanks cave Slope Depth to saturated zone	1.00 0.37 0.18	Somewhat limited Slope Gravel content	0.37 0.32
Bourne	2	Not Rated		Not Rated		Not Rated	
Faceville	2	Not Rated		Not Rated		Not Rated	
Fluvaquents	2	Not Rated		Not Rated		Not Rated	
Goldsboro	2	Not Rated		Not Rated		Not Rated	
Orangeburg	1	Not Rated		Not Rated		Not Rated	
Suffolk	1	Not Rated		Not Rated		Not Rated	
40A:							
Kempsville	55	Not limited		Very limited Cutbanks cave Depth to saturated zone		Not limited	
Bourne	30	Somewhat limited Depth to thick cemented pan Depth to saturated zone	0.90 0.22	Very limited Depth to thick cemented pan Depth to saturated zone Depth to dense layer	1.00 1.00 0.50	Somewhat limited Depth to cemented pan Droughty Depth to saturated zone	0.90 0.27 0.22
Dunbar	2	Not Rated		Not Rated		Not Rated	

Table ENG-4. - Building Site Development - Continued

Hanover County, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Local Roads and Streets		Shallow Excavations		Lawns and Landscaping	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
40A:							
Duplin	2	Not Rated		Not Rated		Not Rated	
Goldsboro	2	Not Rated		Not Rated		Not Rated	
Kenansville	2	Not Rated		Not Rated		Not Rated	
Norfolk	2	Not Rated		Not Rated		Not Rated	
Orangeburg	2	Not Rated		Not Rated		Not Rated	
Faceville	1	Not Rated		Not Rated		Not Rated	
Fluvaquents	1	Not Rated		Not Rated		Not Rated	
Suffolk	1	Not Rated		Not Rated		Not Rated	
40B:							
Kempsville	60	Not limited		Very limited Cutbanks cave Depth to saturated zone		Not limited 1.00 0.18	
Bourne	30	Somewhat limited Depth to thick cemented pan Depth to saturated zone		Very limited Depth to thick cemented pan Depth to saturated zone Depth to dense layer		Somewhat limited Depth to cemented pan Droughty Depth to saturated zone	
			0.90		1.00		0.90
			0.22		1.00		0.27
					0.50		0.22
Dunbar	1	Not Rated		Not Rated		Not Rated	
Duplin	1	Not Rated		Not Rated		Not Rated	
Faceville	1	Not Rated		Not Rated		Not Rated	
Fluvaquents	1	Not Rated		Not Rated		Not Rated	
Goldsboro	1	Not Rated		Not Rated		Not Rated	
Kenansville	1	Not Rated		Not Rated		Not Rated	
Norfolk	1	Not Rated		Not Rated		Not Rated	
Orangeburg	1	Not Rated		Not Rated		Not Rated	
Suffolk	1	Not Rated		Not Rated		Not Rated	
41:							
Kenansville	90	Not limited		Very limited Cutbanks cave		Somewhat limited Droughty	
					1.00		0.01

Table ENG-4. - Building Site Development - Continued

Hanover County, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Local Roads and Streets		Shallow Excavations		Lawns and Landscaping	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
41:							
Dogue	2	Not Rated		Not Rated		Not Rated	
Goldsboro	2	Not Rated		Not Rated		Not Rated	
Kempsville	2	Not Rated		Not Rated		Not Rated	
Norfolk	2	Not Rated		Not Rated		Not Rated	
Orangeburg	1	Not Rated		Not Rated		Not Rated	
Suffolk	1	Not Rated		Not Rated		Not Rated	
42:							
Kenansville variant	85	Very limited Flooding	1.00	Very limited Cutbanks cave Depth to saturated zone Flooding	1.00 1.00 0.60	Somewhat limited Flooding Droughty	0.60 0.05
Altavista	3	Not Rated		Not Rated		Not Rated	
Augusta	3	Not Rated		Not Rated		Not Rated	
Fluvaquents	3	Not Rated		Not Rated		Not Rated	
Suffolk	3	Not Rated		Not Rated		Not Rated	
Wehadkee	3	Not Rated		Not Rated		Not Rated	
43:							
Lenoir	85	Very limited Low strength Shrink-swell Depth to saturated zone	1.00 0.50 0.48	Very limited Depth to saturated zone Too clayey Cutbanks cave	1.00 0.28 0.10	Somewhat limited Depth to saturated zone	0.48
Coxville	4	Not Rated		Not Rated		Not Rated	
Dogue	4	Not Rated		Not Rated		Not Rated	
Dunbar	4	Not Rated		Not Rated		Not Rated	
Duplin	3	Not Rated		Not Rated		Not Rated	
44B:							
Masada	85	Very limited Low strength Shrink-swell	1.00 0.50	Somewhat limited Cutbanks cave Too clayey	0.10 0.01	Not limited	
Altavista	3	Not Rated		Not Rated		Not Rated	

Table ENG-4. - Building Site Development - Continued

Hanover County, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Local Roads and Streets		Shallow Excavations		Lawns and Landscaping	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
44B:							
Appling	3	Not Rated		Not Rated		Not Rated	
Cecil	3	Not Rated		Not Rated		Not Rated	
Pacolet	3	Not Rated		Not Rated		Not Rated	
Turbeville	3	Not Rated		Not Rated		Not Rated	
45B:							
Mayodan	35	Somewhat limited Low strength	0.22	Somewhat limited Cutbanks cave	0.10	Not limited	
Creedmoor	30	Very limited Low strength Depth to saturated zone Shrink-swell	1.00 0.78 0.50	Very limited Depth to saturated zone Too clayey Cutbanks cave	1.00 0.13 0.10	Somewhat limited Depth to saturated zone	0.78
Bourne	7	Not Rated		Not Rated		Not Rated	
Edgehill variant	7	Not Rated		Not Rated		Not Rated	
Fluvaquents	7	Not Rated		Not Rated		Not Rated	
Helena	7	Not Rated		Not Rated		Not Rated	
Pinkston	7	Not Rated		Not Rated		Not Rated	
46:							
Myatt variant	85	Very limited Depth to saturated zone Flooding	1.00 1.00 1.00	Very limited Depth to saturated zone Flooding Cutbanks cave	1.00 0.80 0.10	Very limited Flooding Depth to saturated zone	1.00 1.00
Altavista	3	Not Rated		Not Rated		Not Rated	
Augusta	3	Not Rated		Not Rated		Not Rated	
Chewacla	3	Not Rated		Not Rated		Not Rated	
Fluvaquents	2	Not Rated		Not Rated		Not Rated	
Kenansville variant	2	Not Rated		Not Rated		Not Rated	
Wehadkee	2	Not Rated		Not Rated		Not Rated	

47A:

Table ENG-4. - Building Site Development - Continued

Hanover County, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Local Roads and Streets		Shallow Excavations		Lawns and Landscaping	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
47A:							
Norfolk	85	Somewhat limited Low strength	0.22	Somewhat limited Depth to saturated zone Cutbanks cave	0.18 0.10	Not limited	
Dogue	2	Not Rated		Not Rated		Not Rated	
Dunbar	2	Not Rated		Not Rated		Not Rated	
Duplin	2	Not Rated		Not Rated		Not Rated	
Suffolk	2	Not Rated		Not Rated		Not Rated	
Atlee	1	Not Rated		Not Rated		Not Rated	
Bourne	1	Not Rated		Not Rated		Not Rated	
Coxville	1	Not Rated		Not Rated		Not Rated	
Faceville	1	Not Rated		Not Rated		Not Rated	
Goldsboro	1	Not Rated		Not Rated		Not Rated	
Kempsville	1	Not Rated		Not Rated		Not Rated	
Orangeburg	1	Not Rated		Not Rated		Not Rated	
47B:							
Norfolk	80	Somewhat limited Low strength	0.22	Somewhat limited Depth to saturated zone Cutbanks cave	0.18 0.10	Not limited	
Abell	1	Not Rated		Not Rated		Not Rated	
Atlee	1	Not Rated		Not Rated		Not Rated	
Bourne	1	Not Rated		Not Rated		Not Rated	
Caroline	1	Not Rated		Not Rated		Not Rated	
Cecil	1	Not Rated		Not Rated		Not Rated	
Coxville	1	Not Rated		Not Rated		Not Rated	
Dogue	1	Not Rated		Not Rated		Not Rated	
Dunbar	1	Not Rated		Not Rated		Not Rated	
Duplin	1	Not Rated		Not Rated		Not Rated	

Table ENG-4. - Building Site Development - Continued

Hanover County, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Local Roads and Streets		Shallow Excavations		Lawns and Landscaping	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
47B:							
Edgehill variant	1	Not Rated		Not Rated		Not Rated	
Faceville	1	Not Rated		Not Rated		Not Rated	
Goldsboro	1	Not Rated		Not Rated		Not Rated	
Kempsville	1	Not Rated		Not Rated		Not Rated	
Orangeburg	1	Not Rated		Not Rated		Not Rated	
Pacolet	1	Not Rated		Not Rated		Not Rated	
Spotsylvania	1	Not Rated		Not Rated		Not Rated	
Suffolk	1	Not Rated		Not Rated		Not Rated	
Vance	1	Not Rated		Not Rated		Not Rated	
Wedowee	1	Not Rated		Not Rated		Not Rated	
Worsham	1	Not Rated		Not Rated		Not Rated	
48B:							
Orange	40	Very limited Low strength Shrink-swell	1.00 1.00	Very limited Depth to saturated zone Too clayey Cutbanks cave	1.00 0.13 0.10	Not limited	
Iredell	30	Very limited Shrink-swell Low strength Depth to saturated zone	1.00 1.00 0.78	Very limited Depth to saturated zone Too clayey Cutbanks cave	1.00 0.50 0.10	Somewhat limited Depth to saturated zone	0.78
Abell	3	Not Rated		Not Rated		Not Rated	
Appling	3	Not Rated		Not Rated		Not Rated	
Bourne	3	Not Rated		Not Rated		Not Rated	
Colfax	3	Not Rated		Not Rated		Not Rated	
Fluvaquents	3	Not Rated		Not Rated		Not Rated	
Pacolet	3	Not Rated		Not Rated		Not Rated	
Vance	3	Not Rated		Not Rated		Not Rated	
Wedowee	3	Not Rated		Not Rated		Not Rated	

Table ENG-4. - Building Site Development - Continued

Hanover County, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Local Roads and Streets		Shallow Excavations		Lawns and Landscaping	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
48B:							
Forestdale	2	Not Rated		Not Rated		Not Rated	
Helena	2	Not Rated		Not Rated		Not Rated	
Cecil	1	Not Rated		Not Rated		Not Rated	
Worsham	1	Not Rated		Not Rated		Not Rated	
49B:							
Orangeburg	90	Not limited		Somewhat limited Cutbanks cave 0.10		Not limited	
Kenansville	2	Not Rated		Not Rated		Not Rated	
Bourne	1	Not Rated		Not Rated		Not Rated	
Dogue	1	Not Rated		Not Rated		Not Rated	
Faceville	1	Not Rated		Not Rated		Not Rated	
Goldsboro	1	Not Rated		Not Rated		Not Rated	
Kempsville	1	Not Rated		Not Rated		Not Rated	
Norfolk	1	Not Rated		Not Rated		Not Rated	
Suffolk	1	Not Rated		Not Rated		Not Rated	
Varina	1	Not Rated		Not Rated		Not Rated	
50A:							
Orangeburg	55	Not limited		Somewhat limited Cutbanks cave 0.10		Not limited	
Faceville	35	Somewhat limited Low strength 0.22		Somewhat limited Cutbanks cave 0.10		Very limited Droughty 1.00	
Atlee	1	Not Rated		Not Rated		Not Rated	
Bourne	1	Not Rated		Not Rated		Not Rated	
Coxville	1	Not Rated		Not Rated		Not Rated	
Dogue	1	Not Rated		Not Rated		Not Rated	
Dunbar	1	Not Rated		Not Rated		Not Rated	
Duplin	1	Not Rated		Not Rated		Not Rated	
Goldsboro	1	Not Rated		Not Rated		Not Rated	

Table ENG-4. - Building Site Development - Continued

Hanover County, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Local Roads and Streets		Shallow Excavations		Lawns and Landscaping	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
50A:							
Kempsville	1	Not Rated		Not Rated		Not Rated	
Norfolk	1	Not Rated		Not Rated		Not Rated	
Suffolk	1	Not Rated		Not Rated		Not Rated	
50B:							
Orangeburg	55	Not limited		Somewhat limited Cutbanks cave	0.10	Not limited	
Faceville	35	Somewhat limited Low strength	0.22	Somewhat limited Cutbanks cave	0.10	Very limited Droughty	1.00
Appling	1	Not Rated		Not Rated		Not Rated	
Atlee	1	Not Rated		Not Rated		Not Rated	
Bourne	1	Not Rated		Not Rated		Not Rated	
Cecil	1	Not Rated		Not Rated		Not Rated	
Coxville	1	Not Rated		Not Rated		Not Rated	
Creedmoor	1	Not Rated		Not Rated		Not Rated	
Dogue	1	Not Rated		Not Rated		Not Rated	
Dunbar	1	Not Rated		Not Rated		Not Rated	
Kempsville	1	Not Rated		Not Rated		Not Rated	
Mayodan	1	Not Rated		Not Rated		Not Rated	
50C:							
Orangeburg	40	Somewhat limited Slope	0.37	Somewhat limited Slope Cutbanks cave	0.37 0.10	Somewhat limited Slope	0.37
Faceville	35	Somewhat limited Slope Low strength	0.37 0.22	Somewhat limited Slope Cutbanks cave	0.37 0.10	Very limited Droughty Slope	1.00 0.37
Bourne	5	Not Rated		Not Rated		Not Rated	
Caroline	4	Not Rated		Not Rated		Not Rated	
Fluvaquents	4	Not Rated		Not Rated		Not Rated	
Goldsboro	4	Not Rated		Not Rated		Not Rated	
Kempsville	4	Not Rated		Not Rated		Not Rated	

Table ENG-4. - Building Site Development - Continued

Hanover County, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Local Roads and Streets		Shallow Excavations		Lawns and Landscaping	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
50C:							
Norfolk	4	Not Rated		Not Rated		Not Rated	
51B2:							
Pacolet	85	Very limited Low strength	1.00	Somewhat limited Too clayey Cutbanks cave	0.50 0.10	Not limited	
Abell	2	Not Rated		Not Rated		Not Rated	
Appling	2	Not Rated		Not Rated		Not Rated	
Bourne	2	Not Rated		Not Rated		Not Rated	
Cullen	2	Not Rated		Not Rated		Not Rated	
Iredell	2	Not Rated		Not Rated		Not Rated	
Orange	2	Not Rated		Not Rated		Not Rated	
Spotsylvania	2	Not Rated		Not Rated		Not Rated	
Vance	1	Not Rated		Not Rated		Not Rated	
51C2:							
Pacolet	85	Very limited Low strength Slope	1.00 0.37	Somewhat limited Too clayey Slope Cutbanks cave	0.50 0.37 0.10	Somewhat limited Slope	0.37
Vance	2	Not Rated		Not Rated		Not Rated	
Worsham	2	Not Rated		Not Rated		Not Rated	
Abell	1	Not Rated		Not Rated		Not Rated	
Appling	1	Not Rated		Not Rated		Not Rated	
Bourne	1	Not Rated		Not Rated		Not Rated	
Colfax	1	Not Rated		Not Rated		Not Rated	
Cullen	1	Not Rated		Not Rated		Not Rated	
Fluvaquents	1	Not Rated		Not Rated		Not Rated	
Helena	1	Not Rated		Not Rated		Not Rated	
Iredell	1	Not Rated		Not Rated		Not Rated	
Orange	1	Not Rated		Not Rated		Not Rated	

Table ENG-4. - Building Site Development - Continued

Hanover County, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Local Roads and Streets		Shallow Excavations		Lawns and Landscaping	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
51C2:							
Spotsylvania	1	Not Rated		Not Rated		Not Rated	
Varina	1	Not Rated		Not Rated		Not Rated	
51D2:							
Pacolet	85	Very limited Slope Low strength	1.00 1.00	Very limited Slope Too clayey Cutbanks cave	1.00 0.50 0.10	Very limited Slope	1.00
Ashlar	5	Not Rated		Not Rated		Not Rated	
Fluvaquents	5	Not Rated		Not Rated		Not Rated	
Spotsylvania	5	Not Rated		Not Rated		Not Rated	
52C3:							
Pacolet	85	Very limited Low strength Slope	1.00 0.37	Somewhat limited Too clayey Slope Cutbanks cave	0.50 0.37 0.10	Somewhat limited Slope	0.37
Abell	3	Not Rated		Not Rated		Not Rated	
Colfax	3	Not Rated		Not Rated		Not Rated	
Cullen	3	Not Rated		Not Rated		Not Rated	
Fluvaquents	2	Not Rated		Not Rated		Not Rated	
Helena	2	Not Rated		Not Rated		Not Rated	
Vance	2	Not Rated		Not Rated		Not Rated	
53B:							
Pacolet	45	Very limited Low strength	1.00	Somewhat limited Too clayey Cutbanks cave	0.50 0.10	Somewhat limited Gravel content	<0.01
Cecil	40	Very limited Low strength	1.00	Somewhat limited Too clayey Cutbanks cave	0.72 0.10	Somewhat limited Gravel content	0.08
Abell	3	Not Rated		Not Rated		Not Rated	
Cullen	3	Not Rated		Not Rated		Not Rated	
Iredell	3	Not Rated		Not Rated		Not Rated	
Orange	2	Not Rated		Not Rated		Not Rated	

Table ENG-4. - Building Site Development - Continued

Hanover County, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Local Roads and Streets		Shallow Excavations		Lawns and Landscaping	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
53B:							
Spotsylvania	2	Not Rated		Not Rated		Not Rated	
Vance	2	Not Rated		Not Rated		Not Rated	
53C2:							
Pacolet	55	Very limited		Somewhat limited		Somewhat limited	
		Low strength	1.00	Too clayey	0.50	Slope	0.37
		Slope	0.37	Slope	0.37	Gravel content	<0.01
				Cutbanks cave	0.10		
Cecil	35	Very limited		Somewhat limited		Somewhat limited	
		Low strength	1.00	Too clayey	0.72	Slope	0.37
		Slope	0.37	Slope	0.37	Gravel content	0.08
				Cutbanks cave	0.10		
Cullen	4	Not Rated		Not Rated		Not Rated	
Fluvaquents	3	Not Rated		Not Rated		Not Rated	
Spotsylvania	3	Not Rated		Not Rated		Not Rated	
54B:							
Pamunkey	90	Not limited		Very limited		Not limited	
				Cutbanks cave	1.00		
Altavista	3	Not Rated		Not Rated		Not Rated	
Augusta	3	Not Rated		Not Rated		Not Rated	
Kenansville variant	2	Not Rated		Not Rated		Not Rated	
Tarboro	2	Not Rated		Not Rated		Not Rated	
55A:							
Pamunkey	85	Not limited		Very limited		Not limited	
				Cutbanks cave	1.00		
Altavista	4	Not Rated		Not Rated		Not Rated	
Augusta	4	Not Rated		Not Rated		Not Rated	
Goldsboro	4	Not Rated		Not Rated		Not Rated	
Wahee	3	Not Rated		Not Rated		Not Rated	
55B:							
Pamunkey	85	Not limited		Very limited		Not limited	
				Cutbanks cave	1.00		
Altavista	3	Not Rated		Not Rated		Not Rated	

Table ENG-4. - Building Site Development - Continued

Hanover County, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Local Roads and Streets		Shallow Excavations		Lawns and Landscaping	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
55B:							
Augusta	3	Not Rated		Not Rated		Not Rated	
Fluvaquents	3	Not Rated		Not Rated		Not Rated	
Goldsboro	3	Not Rated		Not Rated		Not Rated	
Wahee	3	Not Rated		Not Rated		Not Rated	
56:							
Pamunkey	85	Very limited Flooding	1.00	Very limited Cutbanks cave Flooding	1.00 0.60	Somewhat limited Flooding	0.60
Altavista	4	Not Rated		Not Rated		Not Rated	
Augusta	4	Not Rated		Not Rated		Not Rated	
Chewacla	4	Not Rated		Not Rated		Not Rated	
Fluvaquents	3	Not Rated		Not Rated		Not Rated	
57B:							
Pamunkey variant	85	Not limited		Very limited Cutbanks cave	1.00	Somewhat limited Droughty Gravel content	0.94 0.92
Altavista	3	Not Rated		Not Rated		Not Rated	
Chewacla	3	Not Rated		Not Rated		Not Rated	
Fluvaquents	3	Not Rated		Not Rated		Not Rated	
Tarboro	2	Not Rated		Not Rated		Not Rated	
Udifluvents	2	Not Rated		Not Rated		Not Rated	
Wahee	2	Not Rated		Not Rated		Not Rated	
58C:							
Pinkston	35	Somewhat limited Depth to hard bedrock Slope	0.46 0.37	Very limited Depth to hard bedrock Slope Cutbanks cave	1.00 0.37 0.10	Somewhat limited Depth to bedrock Slope Droughty	0.46 0.37 0.16
Mayodan	30	Somewhat limited Slope Low strength	0.37 0.22	Somewhat limited Slope Cutbanks cave	0.37 0.10	Somewhat limited Slope	0.37
Colfax	9	Not Rated		Not Rated		Not Rated	

Table ENG-4. - Building Site Development - Continued

Hanover County, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Local Roads and Streets		Shallow Excavations		Lawns and Landscaping	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
58C:							
Creedmoor	9	Not Rated		Not Rated		Not Rated	
Helena	9	Not Rated		Not Rated		Not Rated	
Edgehill variant	8	Not Rated		Not Rated		Not Rated	
58D:							
Pinkston	50	Very limited		Very limited		Very limited	
		Slope	1.00	Depth to hard bedrock	1.00	Slope	1.00
		Depth to hard bedrock	0.46	Slope	1.00	Depth to bedrock	0.46
				Cutbanks cave	0.10	Droughty	0.16
Mayodan	35	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.00
		Low strength	0.22	Cutbanks cave	0.10		
Chewacla	5	Not Rated		Not Rated		Not Rated	
Fluvaquents	5	Not Rated		Not Rated		Not Rated	
Udifluvents	5	Not Rated		Not Rated		Not Rated	
58E:							
Pinkston	50	Very limited		Very limited		Very limited	
		Slope	1.00	Depth to hard bedrock	1.00	Slope	1.00
		Depth to hard bedrock	0.46	Slope	1.00	Depth to bedrock	0.46
				Cutbanks cave	0.10	Droughty	0.16
Mayodan	30	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.00
		Low strength	0.22	Cutbanks cave	0.10		
Chewacla	7	Not Rated		Not Rated		Not Rated	
Fluvaquents	7	Not Rated		Not Rated		Not Rated	
Udifluvents	6	Not Rated		Not Rated		Not Rated	
59:							
Pits, borrow	100	Not Rated		Not Rated		Not Rated	
60:							
Pits, quarry	100	Not Rated		Not Rated		Not Rated	
61:							
Rains	85	Very limited		Very limited		Very limited	
		Depth to saturated zone	1.00	Depth to saturated zone	1.00	Depth to saturated zone	1.00
		Flooding	0.40	Cutbanks cave	1.00		

Table ENG-4. - Building Site Development - Continued

Hanover County, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Local Roads and Streets		Shallow Excavations		Lawns and Landscaping	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
61:							
Dunbar	4	Not Rated		Not Rated		Not Rated	
Duplin	4	Not Rated		Not Rated		Not Rated	
Goldsboro	4	Not Rated		Not Rated		Not Rated	
Suffolk	3	Not Rated		Not Rated		Not Rated	
62B:							
Spotsylvania	35	Somewhat limited Shrink-swell	0.50	Somewhat limited Too clayey Cutbanks cave	0.13 0.10	Not limited	
Bourne	30	Somewhat limited Depth to thick cemented pan Depth to saturated zone	0.90 0.22	Very limited Depth to thick cemented pan Depth to saturated zone Depth to dense layer	1.00 1.00 0.50	Somewhat limited Depth to cemented pan Droughty Depth to saturated zone	0.90 0.27 0.22
Abell	4	Not Rated		Not Rated		Not Rated	
Appling	4	Not Rated		Not Rated		Not Rated	
Cecil	3	Not Rated		Not Rated		Not Rated	
Faceville	3	Not Rated		Not Rated		Not Rated	
Masada	3	Not Rated		Not Rated		Not Rated	
Norfolk	3	Not Rated		Not Rated		Not Rated	
Orangeburg	3	Not Rated		Not Rated		Not Rated	
Pacolet	3	Not Rated		Not Rated		Not Rated	
Vance	3	Not Rated		Not Rated		Not Rated	
Varina	3	Not Rated		Not Rated		Not Rated	
Wedowee	3	Not Rated		Not Rated		Not Rated	
62C:							
Spotsylvania	35	Somewhat limited Shrink-swell Slope	0.50 0.37	Somewhat limited Slope Too clayey Cutbanks cave	0.37 0.13 0.10	Somewhat limited Slope	
						0.37	

Table ENG-4. - Building Site Development - Continued

Hanover County, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Local Roads and Streets		Shallow Excavations		Lawns and Landscaping	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
62C:							
Bourne	30	Somewhat limited		Very limited		Somewhat limited	
		Depth to thick cemented pan	0.90	Depth to thick cemented pan	1.00	Depth to cemented pan	0.90
		Slope	0.37	Depth to saturated zone	1.00	Slope	0.37
		Depth to saturated zone	0.22	Depth to dense layer	0.50	Droughty	0.27
Abell	6	Not Rated		Not Rated		Not Rated	
Appling	6	Not Rated		Not Rated		Not Rated	
Cecil	6	Not Rated		Not Rated		Not Rated	
Pacolet	6	Not Rated		Not Rated		Not Rated	
Vance	6	Not Rated		Not Rated		Not Rated	
Fluvaquents	5	Not Rated		Not Rated		Not Rated	
63A:							
Suffolk	90	Not limited		Somewhat limited		Not limited	
				Cutbanks cave	0.10		
Faceville	2	Not Rated		Not Rated		Not Rated	
Bourne	1	Not Rated		Not Rated		Not Rated	
Caroline	1	Not Rated		Not Rated		Not Rated	
Dogue	1	Not Rated		Not Rated		Not Rated	
Goldsboro	1	Not Rated		Not Rated		Not Rated	
Kempsville	1	Not Rated		Not Rated		Not Rated	
Kenansville	1	Not Rated		Not Rated		Not Rated	
Norfolk	1	Not Rated		Not Rated		Not Rated	
Orangeburg	1	Not Rated		Not Rated		Not Rated	
63B:							
Suffolk	90	Not limited		Somewhat limited		Not limited	
				Cutbanks cave	0.10		
Kempsville	2	Not Rated		Not Rated		Not Rated	
Bourne	1	Not Rated		Not Rated		Not Rated	
Caroline	1	Not Rated		Not Rated		Not Rated	

Table ENG-4. - Building Site Development - Continued

Hanover County, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Local Roads and Streets		Shallow Excavations		Lawns and Landscaping	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
63B:							
Dogue	1	Not Rated		Not Rated		Not Rated	
Faceville	1	Not Rated		Not Rated		Not Rated	
Goldsboro	1	Not Rated		Not Rated		Not Rated	
Kenansville	1	Not Rated		Not Rated		Not Rated	
Norfolk	1	Not Rated		Not Rated		Not Rated	
Orangeburg	1	Not Rated		Not Rated		Not Rated	
63C:							
Suffolk	90	Somewhat limited Slope	0.37	Somewhat limited Slope Cutbanks cave	0.37 0.10	Somewhat limited Slope	0.37
Bourne	2	Not Rated		Not Rated		Not Rated	
Kempsville	2	Not Rated		Not Rated		Not Rated	
Norfolk	2	Not Rated		Not Rated		Not Rated	
Orangeburg	2	Not Rated		Not Rated		Not Rated	
Faceville	1	Not Rated		Not Rated		Not Rated	
Fluvaquents	1	Not Rated		Not Rated		Not Rated	
64B:							
Tarboro	90	Not limited		Very limited Cutbanks cave		Very limited Droughty	
Altavista	2	Not Rated		Not Rated		Not Rated	
Chewacla	2	Not Rated		Not Rated		Not Rated	
Fluvaquents	2	Not Rated		Not Rated		Not Rated	
Forestdale	2	Not Rated		Not Rated		Not Rated	
Pamunkey	1	Not Rated		Not Rated		Not Rated	
Wehadkee	1	Not Rated		Not Rated		Not Rated	
65B:							
Turbeville	85	Very limited Low strength Shrink-swell	1.00 0.50	Somewhat limited Too clayey Cutbanks cave	0.13 0.10	Not limited	
Altavista	4	Not Rated		Not Rated		Not Rated	

Table ENG-4. - Building Site Development - Continued

Hanover County, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Local Roads and Streets		Shallow Excavations		Lawns and Landscaping	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
65B:							
Faceville	4	Not Rated		Not Rated		Not Rated	
Masada	4	Not Rated		Not Rated		Not Rated	
Norfolk	3	Not Rated		Not Rated		Not Rated	
66C:							
Udalfs	55	Somewhat limited Slope	0.37	Somewhat limited Slope Depth to hard bedrock Cutbanks cave	0.37 0.13 0.10	Not Rated	
Ochrepts	35	Somewhat limited Depth to soft bedrock Slope	1.00 0.37	Very limited Depth to soft bedrock Depth to hard bedrock Slope	1.00 0.99 0.37	Not Rated	
Abell	3	Not Rated		Not Rated		Not Rated	
Appling	3	Not Rated		Not Rated		Not Rated	
Pacolet	2	Not Rated		Not Rated		Not Rated	
Wedowee	2	Not Rated		Not Rated		Not Rated	
66D:							
Udalfs	55	Very limited Slope	1.00	Very limited Slope Depth to hard bedrock Cutbanks cave	1.00 0.13 0.10	Not Rated	
Ochrepts	35	Very limited Slope Depth to soft bedrock	1.00 1.00	Very limited Depth to soft bedrock Slope Depth to hard bedrock	1.00 1.00 0.99	Not Rated	
Abell	2	Not Rated		Not Rated		Not Rated	
Appling	2	Not Rated		Not Rated		Not Rated	
Fluvaquents	2	Not Rated		Not Rated		Not Rated	
Pacolet	2	Not Rated		Not Rated		Not Rated	
Wedowee	1	Not Rated		Not Rated		Not Rated	
Worsham	1	Not Rated		Not Rated		Not Rated	
66F:							

Table ENG-4. - Building Site Development - Continued

Hanover County, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Local Roads and Streets		Shallow Excavations		Lawns and Landscaping	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
66F:							
Udalfs	55	Very limited Slope	1.00	Very limited Slope Depth to hard bedrock Cutbanks cave	1.00 0.13 0.10	Not Rated	
Ochrepts	35	Very limited Slope Depth to soft bedrock	1.00 1.00	Very limited Depth to soft bedrock Slope Depth to hard bedrock	1.00 1.00 0.99	Not Rated	
Abell	2	Not Rated		Not Rated		Not Rated	
Appling	2	Not Rated		Not Rated		Not Rated	
Fluvaquents	2	Not Rated		Not Rated		Not Rated	
Pacolet	2	Not Rated		Not Rated		Not Rated	
Wedowee	1	Not Rated		Not Rated		Not Rated	
Worsham	1	Not Rated		Not Rated		Not Rated	
67:							
Udifluvents	100	Very limited Flooding Low strength	1.00 0.22	Very limited Depth to saturated zone Flooding Cutbanks cave	1.00 0.80 0.10	Very limited Flooding	1.00
68:							
Udorthents	100	Not Rated		Not Rated		Not Rated	
69C:							
Udults	95	Very limited Low strength Slope	1.00 0.37	Very limited Depth to saturated zone Slope Cutbanks cave	1.00 0.37 0.10	Not Rated	
Goldsboro	3	Not Rated		Not Rated		Not Rated	
Fluvaquents	2	Not Rated		Not Rated		Not Rated	
69D:							
Udults	95	Very limited Slope Low strength	1.00 1.00	Very limited Slope Depth to saturated zone Cutbanks cave	1.00 1.00 0.10	Not Rated	

Table ENG-4. - Building Site Development - Continued

Hanover County, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Local Roads and Streets		Shallow Excavations		Lawns and Landscaping	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
69D:							
Goldsboro	3	Not Rated		Not Rated		Not Rated	
Fluvaquents	2	Not Rated		Not Rated		Not Rated	
70B:							
Udults	50	Very limited Low strength	1.00	Very limited Depth to saturated zone Cutbanks cave	1.00 0.10	Not Rated	
Ochrepts	40	Not limited		Very limited Cutbanks cave Depth to saturated zone	1.00 1.00	Not Rated	
Fluvaquents	5	Not Rated		Not Rated		Not Rated	
Goldsboro	5	Not Rated		Not Rated		Not Rated	
70C:							
Udults	55	Very limited Low strength Slope	1.00 0.37	Very limited Depth to saturated zone Slope Cutbanks cave	1.00 0.37 0.10	Not Rated	
Ochrepts	40	Somewhat limited Slope	0.37	Very limited Cutbanks cave Depth to saturated zone Slope	1.00 1.00 0.37	Not Rated	
Goldsboro	3	Not Rated		Not Rated		Not Rated	
Fluvaquents	2	Not Rated		Not Rated		Not Rated	
70D:							
Udults	55	Very limited Slope Low strength	1.00 1.00	Very limited Slope Depth to saturated zone Cutbanks cave	1.00 1.00 0.10	Not Rated	
Ochrepts	40	Very limited Slope	1.00	Very limited Slope Cutbanks cave Depth to saturated zone	1.00 1.00 1.00	Not Rated	
Goldsboro	3	Not Rated		Not Rated		Not Rated	

Table ENG-4. - Building Site Development - Continued

Hanover County, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Local Roads and Streets		Shallow Excavations		Lawns and Landscaping	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
70D:							
Fluvaquents	2	Not Rated		Not Rated		Not Rated	
70E:							
Udults	55	Very limited		Very limited		Not Rated	
		Slope	1.00	Slope	1.00		
		Low strength	1.00	Depth to saturated zone	1.00		
				Cutbanks cave	0.10		
Ochrepts	40	Very limited		Very limited		Not Rated	
		Slope	1.00	Slope	1.00		
				Cutbanks cave	1.00		
				Depth to saturated zone	1.00		
Goldsboro	3	Not Rated		Not Rated		Not Rated	
Fluvaquents	2	Not Rated		Not Rated		Not Rated	
70F:							
Udults	55	Very limited		Very limited		Not Rated	
		Slope	1.00	Slope	1.00		
		Low strength	1.00	Depth to saturated zone	1.00		
				Cutbanks cave	0.10		
Ochrepts	40	Very limited		Very limited		Not Rated	
		Slope	1.00	Slope	1.00		
				Cutbanks cave	1.00		
				Depth to saturated zone	1.00		
Goldsboro	3	Not Rated		Not Rated		Not Rated	
Fluvaquents	2	Not Rated		Not Rated		Not Rated	
71B:							
Vance	85	Very limited		Somewhat limited		Not limited	
		Low strength	1.00	Too clayey	0.28		
		Shrink-swell	0.50	Cutbanks cave	0.10		
Worsham	2	Not Rated		Not Rated		Not Rated	
Abell	1	Not Rated		Not Rated		Not Rated	
Bourne	1	Not Rated		Not Rated		Not Rated	
Cecil	1	Not Rated		Not Rated		Not Rated	
Colfax	1	Not Rated		Not Rated		Not Rated	

Table ENG-4. - Building Site Development - Continued

Hanover County, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Local Roads and Streets		Shallow Excavations		Lawns and Landscaping	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
71B:							
Cullen	1	Not Rated		Not Rated		Not Rated	
Fluvaquents	1	Not Rated		Not Rated		Not Rated	
Helena	1	Not Rated		Not Rated		Not Rated	
Iredell	1	Not Rated		Not Rated		Not Rated	
Norfolk	1	Not Rated		Not Rated		Not Rated	
Orange	1	Not Rated		Not Rated		Not Rated	
Pacolet	1	Not Rated		Not Rated		Not Rated	
Spotsylvania	1	Not Rated		Not Rated		Not Rated	
Wedowee	1	Not Rated		Not Rated		Not Rated	
71C2:							
Vance	85	Very limited Low strength Shrink-swell Slope	1.00 0.50 0.37	Somewhat limited Slope Too clayey Cutbanks cave	0.37 0.28 0.10	Somewhat limited Slope	0.37
Worsham	2	Not Rated		Not Rated		Not Rated	
Abell	1	Not Rated		Not Rated		Not Rated	
Bourne	1	Not Rated		Not Rated		Not Rated	
Cecil	1	Not Rated		Not Rated		Not Rated	
Colfax	1	Not Rated		Not Rated		Not Rated	
Cullen	1	Not Rated		Not Rated		Not Rated	
Fluvaquents	1	Not Rated		Not Rated		Not Rated	
Helena	1	Not Rated		Not Rated		Not Rated	
Iredell	1	Not Rated		Not Rated		Not Rated	
Norfolk	1	Not Rated		Not Rated		Not Rated	
Orange	1	Not Rated		Not Rated		Not Rated	
Pacolet	1	Not Rated		Not Rated		Not Rated	
Spotsylvania	1	Not Rated		Not Rated		Not Rated	
Wedowee	1	Not Rated		Not Rated		Not Rated	

Table ENG-4. - Building Site Development - Continued

Hanover County, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Local Roads and Streets		Shallow Excavations		Lawns and Landscaping	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
72B:							
Varina	45	Not limited		Very limited		Somewhat limited	
				Cutbanks cave	1.00	Gravel content	0.44
				Depth to saturated zone	0.73		
Bourne	35	Somewhat limited		Very limited		Somewhat limited	
		Depth to thick cemented pan	0.90	Depth to thick cemented pan	1.00	Depth to cemented pan	0.90
		Depth to saturated zone	0.22	Depth to saturated zone	1.00	Droughty	0.27
				Depth to dense layer	0.50	Depth to saturated zone	0.22
Abell	2	Not Rated		Not Rated		Not Rated	
Appling	2	Not Rated		Not Rated		Not Rated	
Cecil	2	Not Rated		Not Rated		Not Rated	
Duplin	2	Not Rated		Not Rated		Not Rated	
Edgehill variant	2	Not Rated		Not Rated		Not Rated	
Faceville	2	Not Rated		Not Rated		Not Rated	
Goldsboro	2	Not Rated		Not Rated		Not Rated	
Orangeburg	2	Not Rated		Not Rated		Not Rated	
Spotsylvania	2	Not Rated		Not Rated		Not Rated	
Norfolk	1	Not Rated		Not Rated		Not Rated	
Vance	1	Not Rated		Not Rated		Not Rated	
73:							
Wahee	85	Very limited		Very limited		Very limited	
		Flooding	1.00	Depth to saturated zone	1.00	Depth to saturated zone	1.00
		Low strength	1.00	Flooding	0.60	Flooding	0.60
		Depth to saturated zone	1.00	Too clayey	0.28		
Abell	2	Not Rated		Not Rated		Not Rated	
Altavista	2	Not Rated		Not Rated		Not Rated	
Dogue	2	Not Rated		Not Rated		Not Rated	
Fluvaquents	2	Not Rated		Not Rated		Not Rated	
Forestdale	2	Not Rated		Not Rated		Not Rated	

Table ENG-4. - Building Site Development - Continued

Hanover County, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Local Roads and Streets		Shallow Excavations		Lawns and Landscaping	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
73:							
Iredell	2	Not Rated		Not Rated		Not Rated	
Orange	2	Not Rated		Not Rated		Not Rated	
Fork	1	Not Rated		Not Rated		Not Rated	
74B2:							
Wedowee	85	Somewhat limited Low strength	0.22	Somewhat limited Cutbanks cave	0.10	Not limited	
Iredell	2	Not Rated		Not Rated		Not Rated	
Norfolk	2	Not Rated		Not Rated		Not Rated	
Orange	2	Not Rated		Not Rated		Not Rated	
Abell	1	Not Rated		Not Rated		Not Rated	
Bourne	1	Not Rated		Not Rated		Not Rated	
Cecil	1	Not Rated		Not Rated		Not Rated	
Colfax	1	Not Rated		Not Rated		Not Rated	
Helena	1	Not Rated		Not Rated		Not Rated	
Spotsylvania	1	Not Rated		Not Rated		Not Rated	
Turbeville	1	Not Rated		Not Rated		Not Rated	
Vance	1	Not Rated		Not Rated		Not Rated	
Varina	1	Not Rated		Not Rated		Not Rated	
74C2:							
Wedowee	85	Somewhat limited Slope Low strength	0.37 0.22	Somewhat limited Slope Cutbanks cave	0.37 0.10	Somewhat limited Slope	0.37
Worsham	2	Not Rated		Not Rated		Not Rated	
Abell	1	Not Rated		Not Rated		Not Rated	
Bourne	1	Not Rated		Not Rated		Not Rated	
Cecil	1	Not Rated		Not Rated		Not Rated	
Chewacla	1	Not Rated		Not Rated		Not Rated	
Colfax	1	Not Rated		Not Rated		Not Rated	

Table ENG-4. - Building Site Development - Continued

Hanover County, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Local Roads and Streets		Shallow Excavations		Lawns and Landscaping	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
74C2:							
Fluvaquents	1	Not Rated		Not Rated		Not Rated	
Helena	1	Not Rated		Not Rated		Not Rated	
Iredell	1	Not Rated		Not Rated		Not Rated	
Orange	1	Not Rated		Not Rated		Not Rated	
Turbeville	1	Not Rated		Not Rated		Not Rated	
Vance	1	Not Rated		Not Rated		Not Rated	
Varina	1	Not Rated		Not Rated		Not Rated	
74D2:							
Wedowee	85	Very limited Slope Low strength	1.00 0.22	Very limited Slope Cutbanks cave	1.00 0.10	Very limited Slope	1.00
Fluvaquents	3	Not Rated		Not Rated		Not Rated	
Vance	3	Not Rated		Not Rated		Not Rated	
Worsham	3	Not Rated		Not Rated		Not Rated	
Abell	2	Not Rated		Not Rated		Not Rated	
Ashlar	2	Not Rated		Not Rated		Not Rated	
Chewacla	2	Not Rated		Not Rated		Not Rated	
75C3:							
Wedowee	85	Somewhat limited Slope Low strength	0.37 0.22	Somewhat limited Slope Cutbanks cave	0.37 0.10	Somewhat limited Slope	0.37
Abell	2	Not Rated		Not Rated		Not Rated	
Colfax	2	Not Rated		Not Rated		Not Rated	
Fluvaquents	2	Not Rated		Not Rated		Not Rated	
Iredell	2	Not Rated		Not Rated		Not Rated	
Orange	2	Not Rated		Not Rated		Not Rated	
Spotsylvania	2	Not Rated		Not Rated		Not Rated	
Vance	2	Not Rated		Not Rated		Not Rated	
Worsham	1	Not Rated		Not Rated		Not Rated	

Table ENG-4. - Building Site Development - Continued

Hanover County, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Local Roads and Streets		Shallow Excavations		Lawns and Landscaping	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
75D3:							
Wedowee	85	Very limited Slope Low strength	1.00 0.22	Very limited Slope Cutbanks cave	1.00 0.10	Very limited Slope	1.00
Abell	3	Not Rated		Not Rated		Not Rated	
Ashlar	3	Not Rated		Not Rated		Not Rated	
Chewacla	3	Not Rated		Not Rated		Not Rated	
Fluvaquents	3	Not Rated		Not Rated		Not Rated	
Worsham	3	Not Rated		Not Rated		Not Rated	
76D:							
Wedowee	35	Very limited Slope Low strength	1.00 0.22	Very limited Slope Cutbanks cave	1.00 0.10	Very limited Slope	1.00
Ashlar	30	Very limited Slope Depth to hard bedrock	1.00 0.46	Very limited Depth to hard bedrock Slope Cutbanks cave	1.00 1.00 1.00	Very limited Slope Depth to bedrock Droughty	1.00 0.46 0.45
Edgehill variant	12	Not Rated		Not Rated		Not Rated	
Fluvaquents	12	Not Rated		Not Rated		Not Rated	
Vance	11	Not Rated		Not Rated		Not Rated	
77:							
Wehadkee	85	Very limited Flooding Depth to saturated zone	1.00 0.94	Very limited Depth to saturated zone Flooding Cutbanks cave	1.00 0.60 0.10	Somewhat limited Depth to saturated zone Flooding	0.94 0.60
Forestdale	2	Not Rated		Not Rated		Not Rated	
Goldsboro	2	Not Rated		Not Rated		Not Rated	
Worsham	2	Not Rated		Not Rated		Not Rated	
Abell	1	Not Rated		Not Rated		Not Rated	
Altavista	1	Not Rated		Not Rated		Not Rated	
Augusta	1	Not Rated		Not Rated		Not Rated	
Chewacla	1	Not Rated		Not Rated		Not Rated	

Table ENG-4. - Building Site Development - Continued

Hanover County, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Local Roads and Streets		Shallow Excavations		Lawns and Landscaping	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
77:							
Colfax	1	Not Rated		Not Rated		Not Rated	
Fluvaquents	1	Not Rated		Not Rated		Not Rated	
Helena	1	Not Rated		Not Rated		Not Rated	
Pamunkey	1	Not Rated		Not Rated		Not Rated	
Wahee	1	Not Rated		Not Rated		Not Rated	
78:							
Worsham	85	Very limited Depth to saturated zone Low strength Shrink-swell	1.00 1.00 0.50	Very limited Depth to saturated zone Cutbanks cave Too clayey	1.00 0.10 0.03	Very limited Depth to saturated zone	1.00
Fluvaquents	3	Not Rated		Not Rated		Not Rated	
Helena	3	Not Rated		Not Rated		Not Rated	
Iredell	3	Not Rated		Not Rated		Not Rated	
Abell	2	Not Rated		Not Rated		Not Rated	
Colfax	2	Not Rated		Not Rated		Not Rated	
Orange	2	Not Rated		Not Rated		Not Rated	
W:							
Water	100	Not Rated		Not Rated		Not Rated	